



ICFRE NEWSLETTER

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Bharat Ka Amrit Mahotsav

- IFGTB, Coimbatore organized webinar on "Popularization of Eucalyptus Clones of IFGTB" on 11 June 2021 for farmers/tree growers and released documentary film on IFGTB (Tamil version) – "Pesum Marangal". The webinar series was also organized as part of observance of "Bharat Ka Amrit Mahotsava 2021- Science to the Society".
- IWST, Bengaluru hosted Bharat Ka Amrit Mahotsav: Online Programme on "Wood Composites" on 11 June 2021. The technical session included address/presentation by renowned industrialists, and scientists from wood, panel & ply industry, furniture industry, wood composite and related sector. Industrialists, scientists, academicians, research scholars etc. participated in the webinar.
- IFP, Ranchi hosted Bharat ka Amrit Mahotsav: Online Programme on "Fungi of Neutraceutical Importance from Indian Forests" on 7 June 2021. 80 participants including Officers and Staff of the Institute, Research Scholars/students from other institutes, and Educationalists attended the programme.
- IFP, Ranchi hosted Bharat ka Amrit Mahotsav: Online Programme on "Carbon Storage and Sequestration Potentiality" on 15 June 2021. 49 participants attended the programme.

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Celebration of "Bharat Ka Amrit Mahotsav" by IFGTB, Coimbatore



Celebration of "Bharat Ka Amrit Mahotsav" by IFP, Ranchi



Significant Research Findings

Institute of Forest Genetic and Tree Breeding, Coimbatore

From the heart wood extracts of *Pterocarpus santalinus* (Red sanders) a lipstick has been successfully developed. Its physico-chemical parameters such as softening point, rancidity, breaking load value, particle size of undispersed pigments and concentration of heavy metals (Arsenic, sulphates and lead) has been evaluated in Tamilnadu test house limited, Chennai (NABL accredited laboratory). The product meets all requirements prescribed by the national standard which proves that the product is purely organic.

Arid Forest Research Institute, Jodhpur

Effect of AMF on *Salvadora persica* tree species was assessed by inoculating the seedlings with two AMF strains (*Glomus fasciculatum* and *Glomus aggregatum*). Plant height increment, shoot dry weight, root dry weight and total biomass were recorded. *G. fasciculatum* and *G. aggregatum* inoculation increased height and dry biomass of *S. persica* seedlings. *G. fasciculatum* was found superior than *G. aggregatum* in enhancing height growth. However, a combination of both AMF gave the best result and highest biomass.

Forest Research Institute, Dehradun

- Under the project Revision of Kanjilal's Forest Flora of the Chakrata, Dehradun and Saharanpur Forest Divisions, Uttar Pradesh for conservation and sustainable utilization, nomenclature updates and description of 25 species were completed.
- Under the project Revision of Osmaston's Forest Flora for Kumaon for Conservation and sustainable utilization, nomenclature updates and description of 30 species were completed.

- 10 numbers of grass species have been identified under the project- Characterization of Grassland Types of Uttarakhand and Eco-Distribution Studies.
- Regeneration of 30 species have been analyzed collected from different locations of Uttarakhand under the project- Co-FGR National Programme for Conservation and Development of Forest Genetic Resources.
- *Hoplocerambyx spinicornis* Newman (Coleoptera: Cerambycidae) beetles started their emergence in Timli forest range, after the 1st shower of monsoon rain. Beetles from wind fallen trees were collected and young trees were marked (110 GBH, 205 GBH and 185 GB) on 10,12 and 14 June 2021. Eggs were collected from these trees and brought to the laboratory for studies. Sex ratio is skewed in favour of male sex.vb

Consultancies

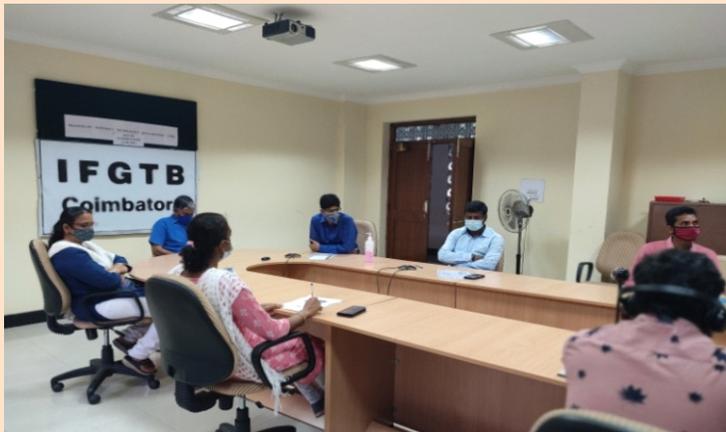
Presently works under 12 consultancy projects are underway in the division. The achievements and works executed during the month include the following:

1. Submission of new proposal for updation of Biodiversity Conservation and Wildlife Management Plan of Kuther HEP (240 MW) to the authority of Kutehr HEP, JSW, Ltd.
2. Submission of draft final report on EM & R&R Plan for Deposit – 11A (part of 11 ML), BIOM, Bachel Complex, NMDC submitted to NMDC Ltd., Hyderabad, Telangana.

Workshops/Seminar/Meetings

Topic	Duration	Beneficiaries
Forest Research Institute, Dehradun		
Eco-Restoration and Rehabilitation	17 June 2021	-

Training Programmes

S.No.	Topic	Duration	Beneficiaries
Institute of Forest Genetics and Tree Breeding, Coimbatore			
1.	Seed Ball Technology Developed by ICFRE	22 June 2021	Field officials of State Forest Departments of Tamil Nadu and Kerala
			
Training on Seed Ball Technology Developed by ICFRE			
Institute of Wood Science and Technology, Bengaluru			
2.	Sandalwood Farming and Management of its health	30 June 2021	Sandalwood growers
Tropical Forest Research Institute, Jabalpur			
3.	Seed Ball Technology Developed by ICFRE	25 June 2021	Forest officials of Madhya Pradesh and Chhattisgarh states
Arid Forest Research Institute, Jodhpur			
4.	Bud Grafting Techniques in <i>Prosopis cineraria</i> (L.)	21 - 25 June 2021	Senior Technician, TO, STO and CTO
Institute of Forest Productivity, Ranchi			
5.	Lac Cultivation Practices	10 and 11 June 2021	Students from Guru Ghasidas Vishwavidyalaya, Bilashpur, Chhattisgarh
6.	Implementation of Seed Ball Technology	30 June 2021	SFDs of Bihar, Jharkhand and West Bengal

Rajbhasha Activity

HFRI, Shimla organized quarterly meeting of Hindi Rajbhasha on 17 June 2021. Director, GCR, Assistant Director (Rajbhasha) and all HoDs of HFRI attended the programme.

Memorandum of Understanding

A Tripartite Memorandum of Understanding (MoU) has been signed by Institute of Wood Science and Technology (IWST), Konkan Bamboo and Cane Development Centre, Kudal, Sindhudurg and Phoenix Foundation, Santha, Lodaga Taluka- Ausato to establish and conduct research within the area of bamboo utilization. The MoU is effective for 5 years from 1st June 2021.

Popularizing Forestry through All India Radio

Topic	Channel	Date
Rain Forest Research Institute, Jorhat		
Ecosystem Restoration and our meaningful participation	All India Radio, Jorhat	5 June 2021

Miscellaneous

Institute	Special Day/theme	Duration
ICFRE and its institutes	World Environment Day	5 June 2021
AFRI, Jodhpur and FRI, Dehradun	World Day to Combat Desertification and Drought	17 June 2021
ICFRE institutes	International Yoga Day	21 June 2021



Celebration of World Environment Day at IWST, Bengaluru



Celebration of World Environment Day at RFRI, Jorhat

HR News

Appointment

Name of Officer	Date
Ms. Ruby Patel, Scientist 'B', IFB, Hyderabad	16.06.2021

Repartriation

Name of Officer	Date
Sh. S.R. Reddy, DCF, FRI, Dehradun	11.06.2021

Retirements

Name of Officer	Date
Smt. Manjit Sharma, PS, ICFRE	30.06.2021
Smt. Anuradha Bhati, Librarian, AFRI, Jodhpur	30.06.2021
Dr. S.K. Sharma, Scientist 'G', IWST, Bengaluru	30.06.2021
Sh. Thamilarashi, R., ACTO, IFGTB, Coimbatore	30.06.2021
Sh. Sashidaran, K.R., Scientist 'F', IFGTB, Coimbatore	30.06.2021

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Shri. A.S. Rawat, IFS, Director General, ICFRE, Dehradun

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